

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	256	(ATKINSON-ROBERT-GEORGE GOODMAN-JOSHUA-T LYON-JAMES-M WILLIAMS-ROY AHMED-KHAJA-E KATZ-HARRY-SIMON ROUNTHWAITE-ROBERT-L GOLDBERG-ANDREW-V DWORK-CYNTHIA).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:28
L2	143	microsoft.as. and (computational puzzle).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:28
L3	4	microsoft.as. and ((computational puzzle) and hash\$3).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:28
L4	4662	(computational adj resources and hashing and puzzle adj input)".clm"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:31
L5	1	(computational adj resources ).clm. and hashing. clm. and (puzzle adj input). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:31
L6	6186	709/206.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:31
L7	3631	6 and (@ad<"20030312"@rlad<"20030312"@pd<"20030312" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:32
L8	0	4 and 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:32
L9	1	(computational adj resources ).clm. and hash\$3. clm. and (puzzle adj input). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:32

L10	1	(computational adj (resources puzzle)).clm. and hash\$3.clm. and (puzzle adj input).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:32
L11	8290	709/224.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:32
L12	2002	726/4.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:32
L13	76	L11 and L12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:32
L14	57	13 and (@ad<"20030312" @rlad<"20030312" @pd<"20030312" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:33
L15	1	(computational adj resources ) and 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:33
L16	0	(computational adj puzzle) and 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:33
L17	0	(computational adj puzzle) and 11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:33
L18	7	(computational adj puzzle) and 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:33
L19	194	hash\$3 same (spam unsolicited junk)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:36
L20	66	19 and 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:36

L21	16	20 and (@ad<"20030312" @rlad<"20030312" @pd<"20030312" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 14:36
S1	2	"20040181585".pn. and (product program media medium wave carrier signal transmission)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 09:39
S2	237	(ATKINSON-ROBERT- GEORGE GOODMAN-JOSHUA- T LYON-JAMES-M WILLIAMS- ROY AHMED-KHAJA-E KATZ- HARRY-SIMON ROUNTHWAITE-ROBERT-L GOLDBERG-ANDREW-V DWORK-CYNTHIA).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:00
S3	42822	microsoft\$.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:06
S4	16	smtp with hello	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:10
S5	186095	smtp (e electric\$3 electronic \$3 internet network) adj (mail \$3 messag\$3) e\$1mail\$3 e \$1messag\$3 mail adj transfer mail adj protocol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:22
S6	34932003	@ad<"20030312" @rlad<"20030312" @pd<"20030312"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:23
S7	114854	S5 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:23
S8	527	S5 same spoof\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:24
S9	166	S8 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:24

S10	2490	(puzzle computation hash\$3) same S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:25
S11	83	S8 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:25
S12	18	S11 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:25
S13	2	"20030009698".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:35
S14	7271	709/224.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:35
S15	1679	726/4.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:35
S16	4	("5351295"   "6546416").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:37
S17	12	("2003/0009698").URPN.	USPAT	OR	ON	2008/04/03 12:39
S18	2012	709/206.ccls.	USPAT	OR	ON	2008/04/03 12:48
S19	9	S18 and (challenge with sender)	USPAT	OR	ON	2008/04/03 12:48
S20	9	S18 and (challenge with sender)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 12:49

S21	17	("20020016735"   "2003015888"   "20030204569"   "20030220978"   "20040003283"   "20040015554"   "20040201625"   "20040205173"   "20040243844"   "5822526"   "6199102"   "6266692"   "6463533"   "6546416"   "6591291"   "6973481"   "7072943").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 12:50
S22	19	("2004/0015554").URPN.	USPAT	OR	ON	2008/04/03 12:54
S23	4	("6199102"   "6321267").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 15:24
S24	52	("6199102").URPN.	USPAT	OR	ON	2008/04/03 15:26
S25	2	"20040181585".pn. and (polic \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 15:49
S26	3	(electronic adj message adj transmission adj polic\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 15:52
S27	9	("20040148358"   "6195698"   "7213260"   "7249175"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 15:56
S28	900	726/3.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 15:58
S29	4444	709/227.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 15:58
S30	36	S28 and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 15:58

S31	186095	smtp (e electric\$3 electronic \$3 internet network) adj (mail \$3 messag\$3) e\$1mail\$3 e \$1messag\$3 mail adj transfer mail adj protocol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 16:01
S32	2490	(puzzle computation hash\$3) same S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 16:01
S33	61	S32 same package	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 16:01
S34	2877	"x.509"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 16:16
S35	2095	"x.509" near4 certificate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 16:16
S36	47	S35 with S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 16:16
S37	34932003	@ad<"20030312" @rlad<"20030312" @pd<"20030312"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 16:16
S38	28	S36 and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 16:16
S39	2	(electronic adj message adj transmission adj polic\$3) and etp\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 19:34
S40	962	"x.509" and challenge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 19:47
S41	2012	709/206.ccls.	USPAT	OR	ON	2008/04/03 19:47

S42	5	S40 and S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 19:47
S43	17	("6189026").URPN.	USPAT	OR	ON	2008/04/03 19:51
S44	4	("5491783"   "5752059"   "5754306"   "5812795").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 19:56
S45	5904	certificate and challenge	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 19:58
S46	32	S45 and S41	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 19:58
S47	5968	certificate and challenge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 19:58
S48	5323	709/206.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 19:59
S49	10	S40 and S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 19:59
S50	5	S49 not S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 19:59
S51	2	"20040054741".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 20:02
S52	25478	(spam uce unsolicited)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/04 14:41
S53	966	(spam uce unsolicited).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/04 14:42

S54	24	(US-20030009698-\$ or US-20040015554-\$ or US-20040003283-\$ or US-20030220978-\$ or US-20030204569-\$ or US-20040148358-\$ or US-20020091782-\$ or US-20020007453-\$ or US-20070245416-\$ or US-20040181571-\$ or US-20040054741-\$).did. or (US-6546416-\$ or US-7310660-\$ or US-7263607-\$ or US-7249175-\$ or US-7305445-\$ or US-6199102-\$ or US-7213260-\$ or US-7194515-\$ or US-6691156-\$ or US-7206814-\$ or US-6195698-\$ or US-6189026-\$ or US-7290033-\$).did. or (WO-9910817-A-\$ or US-20040148358-A-\$ or US-20030172294-A-\$ or WO-0138999-A-\$ or US-6195698-B-\$ or US-20020091782-A-\$ or US-20040054741-A-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/04/04 15:04
S55	11	S54 and hash\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/04 15:04
S56	1	"20040003283".pn. and computational	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/08 09:29
S57	2	"20030220978".pn. and challenge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/08 09:38
S58	2	"6199102".pn. and challenge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/08 09:42
S59	1	"7213260".pn. and interrogat \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/08 09:44
S60	2	acknowledgement and "6691156".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/08 10:01



S61	11	("20040148358"   "6195698"   "6546416"   "7213260"   "7249175").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/08 10:21
S62	24	(US-20030009698-\$ or US-20040015554-\$ or US-20040003283-\$ or US-20030220978-\$ or US-20030204569-\$ or US-20040148358-\$ or US-20020091782-\$ or US-20020007453-\$ or US-20070245416-\$ or US-20040181571-\$ or US-20040054741-\$).did. or (US-6546416-\$ or US-7310660-\$ or US-7263607-\$ or US-7249175-\$ or US-7305445-\$ or US-6199102-\$ or US-7213260-\$ or US-7194515-\$ or US-6691156-\$ or US-7206814-\$ or US-6195698-\$ or US-6189026-\$ or US-7290033-\$).did. or (WO-9910817-A-\$ or US-20040148358-A-\$ or US-20030172294-A-\$ or WO-0138999-A-\$ or US-6195698-B-\$ or US-20020091782-A-\$ or US-20040054741-A-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/04/08 10:53
S63	2	"7197639".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/04/08 10:53
S64	2	"20030204569".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/04/08 10:56
S65	2	"20060095578".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/04/08 10:57
S66	47	(US-20030009698-\$ or US-20040015554-\$ or US-20040003283-\$ or US-20030220978-\$ or US-20030204569-\$ or US-20040148358-\$ or US-20020091782-\$ or US-20020007453-\$ or US-20070245416-\$ or US-20040181571-\$ or US-20040054741-\$).did. or (US-6546416-\$ or US-7310660-\$ or US-7263607-\$ or US-7249175-\$ or US-7305445-\$ or US-6199102-\$ or US-7213260-\$ or US-7194515-\$ or US-6691156-\$ or US-7206814-\$ or US-6195698-\$	US-PGPUB; USPAT; DERWENT	OR	ON	2008/04/08 11:14

		or US-6189026-\$ or US-7290033-\$).did. or (WO-9910817-A-\$ or US-20040148358-A-\$ or US-20030172294-A-\$ or WO-0138999-A-\$ or US-6195698-B-\$ or US-20020091782-A-\$ or US-20040054741-A-\$).pn.				
S67	3874	"sha-1"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/08 12:31
S68	186333	smtp (e electric\$3 electronic \$3 internet network) adj (mail \$3 messag\$3) e\$1mail\$3 e \$1messag\$3 mail adj transfer mail adj protocol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/08 12:32
S69	1499	S67 and S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/08 12:32
S70	34933186	@ad<"20030312" @rlad<"20030312" @pd<"20030312"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/08 12:33
S71	902	S69 and S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/08 12:33
S72	1	"20040003283".pn. and hash \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/08 13:50
S73	64	("20020120853"   "20030204569"   "20030220978"   "20040003258"   "20040015554"   "20040199597"   "5377354"   "5930479"   "5999932"   "5999967"   "0576840"   "6023723"   "6052709"   "6112227"   "6161130"   "6192144"   "6195698"   "6199102"   "6249805"   "6266692"   "6393465"   "6421709"   "6473758"   "6484197"   "6546416"   "6574658"   "6587550"   "6591291"   "6633855"   "6944765"   "7139916"   "7197639"   "7337324").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/18 15:10

S74	26	(US-20030009698-\$ or US-20040015554-\$ or US-20040003283-\$ or US-20030220978-\$ or US-20030204569-\$ or US-20040148358-\$ or US-20020091782-\$ or US-20020007453-\$ or US-20070245416-\$ or US-20040181571-\$ or US-20040054741-\$ or US-20060095578-\$ or US-20040199597-\$).did. or (US-6546416-\$ or US-7310660-\$ or US-7263607-\$ or US-7249175-\$ or US-7305445-\$ or US-6199102-\$ or US-7213260-\$ or US-7194515-\$ or US-6691156-\$ or US-7206814-\$ or US-6195698-\$ or US-6189026-\$ or US-7290033-\$).did. or (WO-9910817-A-\$ or US-20040148358-A-\$ or US-20030172294-A-\$ or WO-0138999-A-\$ or US-6195698-B-\$ or US-20020091782-A-\$ or US-20040054741-A-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/04/18 15:11
S75	57	S73 not S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/18 15:11
S76	2	"20030220978".pn. and (challeng\$3 compli\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/18 15:20
S77	29	(US-20030009698-\$ or US-20040015554-\$ or US-20040003283-\$ or US-20030220978-\$ or US-20030204569-\$ or US-20040148358-\$ or US-20020091782-\$ or US-20020007453-\$ or US-20070245416-\$ or US-20040181571-\$ or US-20040054741-\$ or US-20060095578-\$ or US-20040199597-\$).did. or (US-6546416-\$ or US-7310660-\$ or US-7263607-\$ or US-7249175-\$ or US-7305445-\$ or US-6199102-\$ or US-7213260-\$ or US-7194515-\$ or US-6691156-\$ or US-7206814-\$ or US-6195698-\$ or US-6189026-\$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2008/04/22 11:25

		7290033-\$ or US-7337324-\$ or US-6393465-\$ or US-6266692-\$).did. or (WO-9910817-A-\$ or US-20040148358-A-\$ or US-20030172294-A-\$ or WO-0138999-A-\$ or US-6195698-B-\$ or US-20020091782-A-\$ or US-20040054741-A-\$ or US-20040015554-A-\$ or US-20030220978-A-\$ or US-6574658-B-\$ or US-6546416-B-\$).did.				
S78	8	S77 and (date time) same hash\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 11:25
S79	5	("20030028773"   "6038666"   "6742039"   "7139916"   "7149899").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/22 11:31
S80	1	S79 and hash\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/22 11:32
S81	1	S80 and (date time)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/22 11:33
S82	1	"20040181585".pn. and (fixed near2 bit\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 12:14
S83	3	S77 and sha	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 12:48
S84	103	(alter\$3 edit\$3 chang\$3) near3 hash\$3 near5 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 12:59
S85	137	(alter\$3 edit\$3 chang\$3 updat\$3) near3 hash\$3 near5 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 12:59
S86	78	S84 and (@ad<"20030312" @rlad<"20030312" @pd<"20030312" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 13:00
S87	101	S85 and (@ad<"20030312" @rlad<"20030312" @pd<"20030312" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 13:00

S88	187456	smtp (e electric\$3 electronic \$3 internet network) adj (mail \$3 messag\$3) e\$1mail\$3 e \$1messag\$3 mail adj transfer mail adj protocol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 13:00
S89	39	S87 and S88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 13:01
S90	57	(US-20030009698-\$ or US- 20040015554-\$ or US- 20040003283-\$ or US- 20030220978-\$ or US- 20030204569-\$ or US- 20040148358-\$ or US- 20020091782-\$ or US- 20020007453-\$ or US- 20070245416-\$ or US- 20040181571-\$ or US- 20040054741-\$ or US- 20060095578-\$ or US- 20040199597-\$).did. or (US- 6546416-\$ or US-7310660-\$ or US-7263607-\$ or US- 7249175-\$ or US-7305445-\$ or US-6199102-\$ or US- 7213260-\$ or US-7194515-\$ or US-6691156-\$ or US- 7206814-\$ or US-6195698-\$ or US-6189026-\$ or US- 7290033-\$ or US-7337324-\$ or US-6393465-\$ or US- 6266692-\$).did. or (WO- 9910817-A-\$ or US- 20040148358-A-\$ or US- 20030172294-A-\$ or WO- 0138999-A-\$ or US-6195698- B-\$ or US-20020091782-A-\$ or US-20040054741-A-\$ or US-20040015554-A-\$ or US- 20030220978-A-\$ or US- 6574658-B-\$ or US-6546416- B-\$).did. and (time date)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/04/22 16:27
S91	29	(US-20030009698-\$ or US- 20040015554-\$ or US- 20040003283-\$ or US- 20030220978-\$ or US- 20030204569-\$ or US- 20040148358-\$ or US- 20020091782-\$ or US- 20020007453-\$ or US- 20070245416-\$ or US- 20040181571-\$ or US- 20040054741-\$ or US- 20060095578-\$ or US- 20040199597-\$).did. or (US- 6546416-\$ or US-7310660-\$ or US-7263607-\$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2008/04/22 16:27

		7249175-\$ or US-7305445-\$ or US-6199102-\$ or US-7213260-\$ or US-7194515-\$ or US-6691156-\$ or US-7206814-\$ or US-6195698-\$ or US-6189026-\$ or US-7290033-\$ or US-7337324-\$ or US-6393465-\$ or US-6266692-\$).did. or (WO-9910817-A-\$ or US-20040148358-A-\$ or US-20030172294-A-\$ or WO-0138999-A-\$ or US-6195698-B-\$ or US-20020091782-A-\$ or US-20040054741-A-\$ or US-20040015554-A-\$ or US-20030220978-A-\$ or US-6574658-B-\$ or US-6546416-B-\$).did.				
S92	29	S91 and (time date)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 16:27
S93	2	"7149801".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 22:03
S94	1531	(spend\$3 spent use using used) near4 computation\$2 near2 (resources expens\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 22:06
S95	45	(spend\$3 spent) near4 computation\$2 near2 (resources expens\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 22:06
S96	1904	(solv\$3 solution) with (computation\$4 near3 (puzzle problem))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 22:07
S97	16	("20030088627"   "20040093371"   "20040181585"   "20040230531"   "5999967"   "5619648"   "5926551"   "6615348").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 22:12
S98	12	S97 and (@ad<"20030312" @rlad<"20030312" @pd<"20030312" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 22:12

S99	25	("20020069241"   "20030233584"   "20040093371"   "20040111484"   "20040181585"   "20050050364"   "20050055410"   "20050080858"   "5241599"   "6134647"   "6955605"   "7072942"   "7197639").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 22:22
S100	1	"20050210258".pn. and hash \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 22:33
S101	209330	smtp (e electric\$3 electronic \$3 internet network) adj (mail \$3 messag\$3) e\$1mail\$3 e \$1messag\$3 mail adj transfer mail adj protocol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 22:36
S102	26	S96 same S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 22:37
S103	129	microsoft.as. and (computational).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 22:54
S104	1	microsoft.as. and (computational same hash \$3).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 22:54
S105	67	cryptographic near2 (puzzi\$3 problem\$3) with (solv\$3 solution\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 22:59
S106	6	S101 and S105	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 23:00
S107	0	puzzlehash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 23:16
S108	516	proof with computation\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 23:22

S109	93	S108 and S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 23:22
S110	58	S109 and (@ad<"20030312" @rlad<"20030312" @pd<"20030312" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 23:22
S111	260	perform\$3 near4 computation \$3 near2 work	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 23:25
S112	4	S101 same S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 23:25
S113	62	dwork and naor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 23:26
S114	1249	proof near3 work	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 23:28
S115	8	S101 same S114	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/28 23:29
S116	20	hashcash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/29 00:02
S117	30	("20010037453"   "20020052921"   "20020059144"   "20020076053"   "20020132607"   "20020144122"   "20040139163"   "20050193075"   "5877757"   "5926552"   "5944787"   "6112227"   "6192130"   "6356937"   "6775382").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/29 00:08
S118	27	S117 and (@ad<"20030312" @rlad<"20030312" @pd<"20030312" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/29 00:08



S119	7	S101 same brute adj force same hash\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/29 00:49
S120	1	"20040181585".pn. and hashing	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/07 19:39
S121	1	"20040181585".pn. and hashing same answer adj document	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/07 19:40

12/ 8/ 08 2:37:45 PM

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